



# Owner's Manual

**PASW15  
PASW18**



**[www.pyleaudio.com](http://www.pyleaudio.com)**

## **Introduction**

Thank you for purchasing this Pyle Pro PASW series subwoofer. The speaker is designed to provide you years of high performance in any application that you require. Please read this manual carefully to fully maximize the performance of the speaker.

## **Maintenance and Safety**

- Do not expose the speaker to moisture.
- Avoid hot and cold temperature extremes.
- Clean using a damp cloth. Make sure that no moisture contacts the drivers.
- Do not attempt to service the unit. Refer service to a certified Pyle Pro technician.
- This loudspeaker is capable of producing extremely high SPL levels. Use earplugs when necessary.

## **Features**

The PASW series features high-level drivers and rugged components and is designed for high-performance applications.

The cabinet features heavy-duty construction with reinforced corners. The integrated handles have been carefully selected for their ergonomic design and durability.

There is a flush mounted speaker stand adapter on top of the cabinet. This facilitates use with a full range speaker.

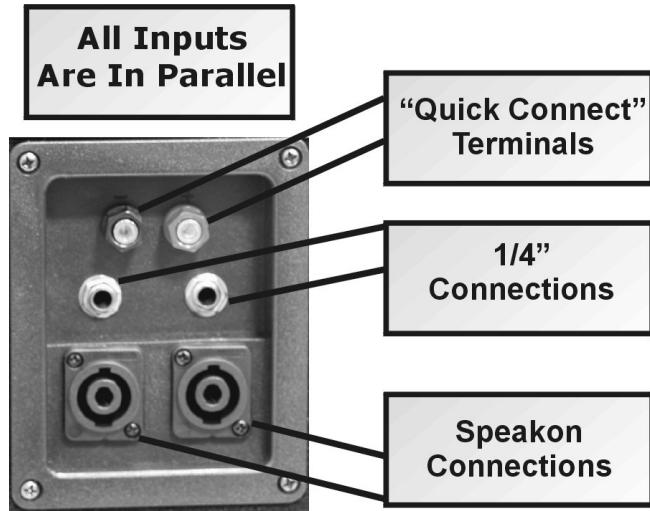
Both models are loaded with a premium Kapton voice coil woofer and exhibit excellent bass response.

The integrated passive crossover network is assembled using quality components and functions as a low pass filter.



## Connections

Your PASW series speaker has an extremely flexible connection panel. There are two Speakon jacks as well as two  $\frac{1}{4}$ " jacks. You can also hookup your speaker cabinet using the "Quick Connect" speaker terminals, which accommodate either wire leads or a banana plug. The jacks are wired in parallel, which allows you to daisy chain additional speakers. Thus you can use one amplifier channel to power multiple speakers.



Make certain that the wires you are using are at least 12 gauge unshielded speaker cable (the lower the number, the thicker the wire). Do not use shielded "instrument" cables.

 ***Hooking speakers up in parallel decreases the overall impedance, placing a greater load on the amplifier. Check your amplifier's specifications to ensure that you are not overloading the channel.***



**CAUTION: DO NOT USE MORE THAN ONE JACK AS AN AMPLIFIER INPUT. DOING SO WILL DAMAGE THE SPEAKER!**

## Operation

When powering on your equipment, make sure the volume level on the amplifier is turned all the way down. This is to avoid the "popping" noise, which could damage your speaker.

High frequencies are unidirectional while low frequencies are omnidirectional. Being that this is a subwoofer, it is not necessary for there to be

a direct line-of-site between the sub and the audience. Optimal placement is directly on the floor.

When using more than one loudspeaker, you have to account for phase alignment. When the speakers are close together this is not usually an issue. However, when they are far apart, the sound from one speaker may reach the ear a fraction of a second before the other. This will cause certain frequencies to cancel out, resulting in a hollow sound. To avoid this, you may have to use a delay processor to align the sound from the speakers.

Although an active crossover is not required you may choose to use one for maximum routing control and increased amplifier efficiency.

## **Troubleshooting**

No Sound:

- ✓ Check connections
- ✓ Try a different speaker cable
- ✓ Check levels on amplifier
- ✓ Confirm amplifier is getting a signal (check signal LED, or use headphone output)

Intermittent Output:

- ✓ Check connections
- ✓ Try a different speaker cable

Weak Bass:

- ✓ Check the polarity of the speaker connection. It may be reversed.
- ✓ Listen with headphones to confirm the amplifier is being sent a good signal.

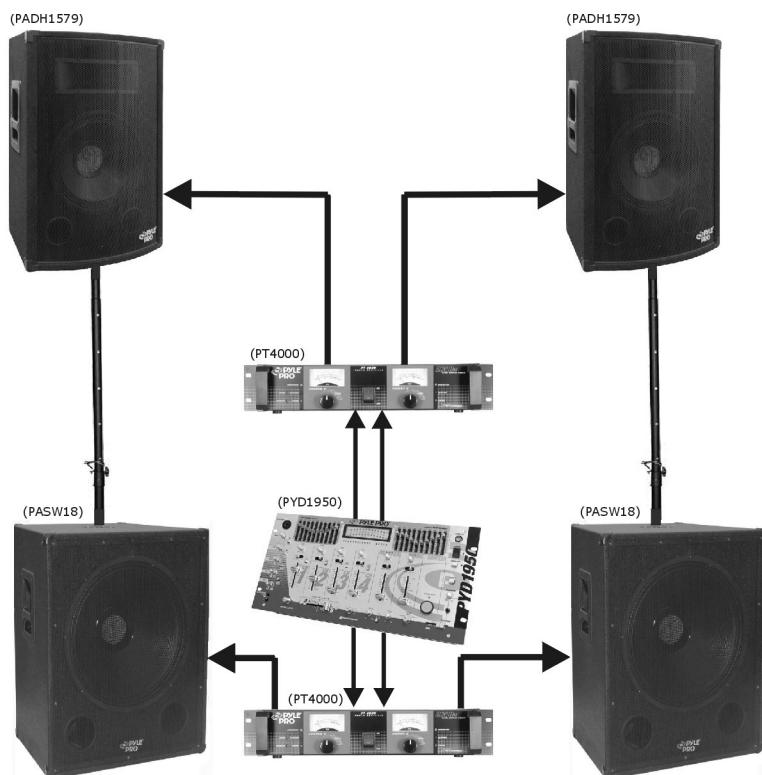
Distorted Sound:

- ✓ Check if the amplifier is overdriven. If it is, you will have to turn the level down.
- ✓ Make sure you are not exceeding the RMS rating of your speaker.

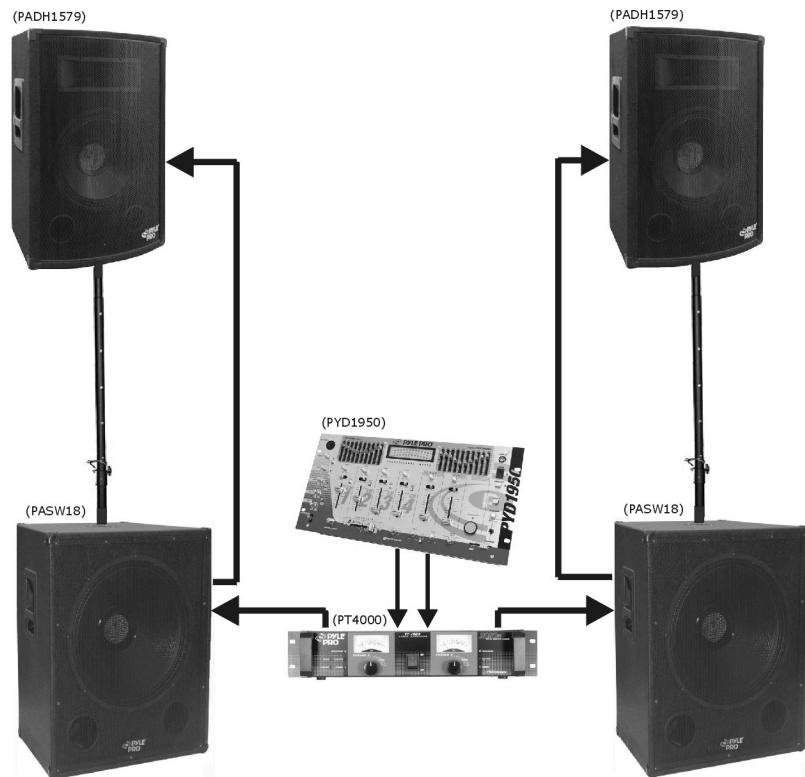
## Specifications

Model	Woofers	Frequency Range	RMS	Peak	Sensitivity (1w/1m)	Connections	$\Omega$	Dimensions	Weight
PASW15	15" Kapton Voice Coil	20-500 Hz	400W	800W	95 dB	Speakon (2) 1/4" (2) "Quick Connect" (Wire Lead & Banana)	8 $\Omega$	W = 18" D = 15.8" H = 23"	48 lb.
PASW18	18" Kapton Voice Coil	20-4000 Hz	500W	1000W	97 dB	Speakon (2) 1/4" (2) "Quick Connect" (Wire Lead & Banana)	8 $\Omega$	W = 23" D = 17.8" H = 26.8"	70 lb.

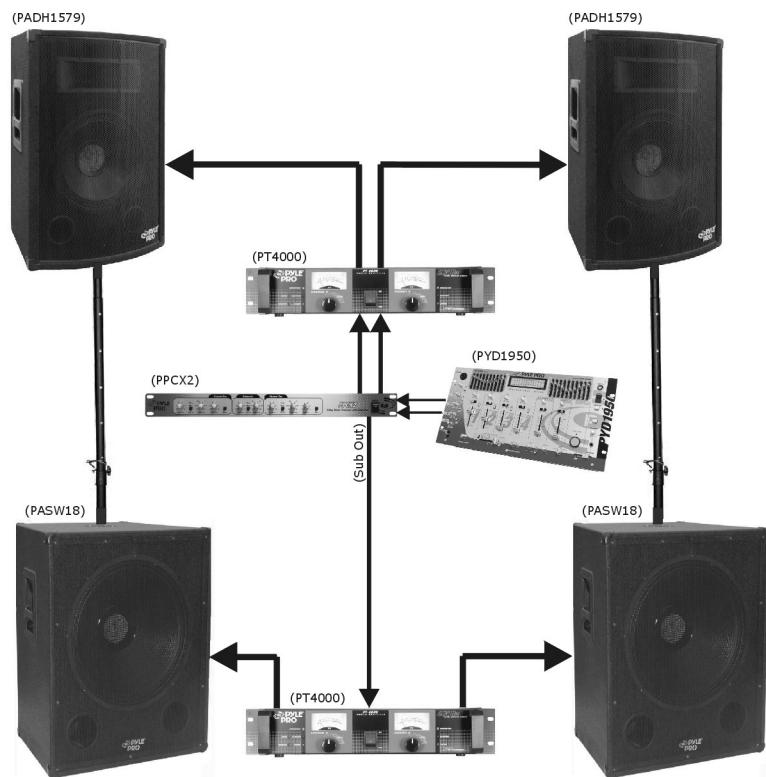
## Typical Setup



## Parallel Setup



## Crossover Setup



## Recommended Accessories



### **PPJJ30**

- 30ft. 12 Gauge
- Professional Speaker Cable
- 1/4" to 1/4"

### **PPJJ15**

- Same as above 15ft.



### **PPSS30**

- 30ft. 12 Gauge
- Professional SpeakerCable
- Speakon to Speakon

### **PPSS15**

- Same as above 15ft



### **PPSJ30**

- 30ft. 12 Gauge Professional
- Speaker Cable
- Speakon to 1/4"

### **PPSJ15**

- Same as above 15ft.

## **PT Series Amplifiers**

- Professional High-Power amplifiers
- 8 Models to choose from
- All models rack-mountable in standard ISO 19" rack



## **PZR Series Amplifiers**

- Professional High-Power amplifiers
- 3 Models to choose from
- All models rack-mountable in standard ISO 19" rack



## **PPCX2**

- 2-Way Stereo Crossover
- Separate Subwoofer output
- XLR Inputs 1/4" Outputs
- Rack Mountable

## **PPCX3**

- 3-Way Stereo Crossover
- Separate Subwoofer output
- XLR Inputs XLR Outputs
- Rack Mountable

Check out these and other accessories at [www.pyleaudio.com](http://www.pyleaudio.com)